The Rocket Blog

A blog about anything related to rockets and space technology from news to how to make your own propellant.

WEDNESDAY, JULY 11, 2012

How to make Ammonpulver

Now another high power propellant the Ammonpulver.

The chemicals are Ammonium Nitrate and Charcoal, all of those in a very fine powder as always.

Charcoal is very easy to find and Ammonium Nitrate is a fertilizer but in some countries it will not be so easy to find it because of its nature.

However it can be made by gently pouring nitric acid on ammonia (common household chemicals), this reaction is exothermic so be careful to not auto-ignite the mixture.
I recommend using water ammonia and diluted nitric acid as water will absorbed the heat of the reaction.

You will have a solution of ammonium nitrate you can gently evaporate on a hot plate but do not heat over 150°C because AN thermal decomposition is explosive.

Now that you have all the chemicals, mix them at a proportion of 85% AN and 15% Charcoal.

Bind it if you want and you're ready to go.

However this propellant suffer some issues, "AN/C" is harder to ignite than APCP. My advice is that you use some Rocket Candy (described last week) for the ignition.

And it is also hygroscopic (it absorbs moisture from the air), so you will have to store it in a dry container.

Unknown at Wednesday, July 11, 2012

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Unknown Thursday, July 16, 2015

There is one knows not what sweet mystery about this sea, whose gently awful stirrings seem to speak of some hidden soul beneath. See the link below for more info.

#gently
www.ufgop.org

Reply

Unknown Tuesday, September 08, 2015

Hi, just passing by your site to see something that will interest me and luckily you impressed me with your great article and I have a great time reading everything that is written. I'm looking forward to see more of your write-ups. If you have time you can also visit my site which indicated below.

n8fan.net

www.n8fan.net

Reply

fillikir72518 Monday, June 18, 2018

I'm impressed, I must say. Actually hardly ever do I encounter a weblog that's each educative and entertaining, and let me let you know, you have got hit the nail on the head. Your idea is outstanding; the difficulty is something that not sufficient persons are speaking intelligently about. I am very glad that I stumbled across this in my search for something regarding this. best online casinos

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